

ABSTRACT**SECURE SWITCHING FOR DOWNLOADING NETWORK BOOTS**

[0025] A method and system for managing a secure network boot of a server blade. The server blade is part of a server blade chassis, which holds multiple server blades that communicate with outside devices via a Pre-boot eXecution Environment (PXE) enabled network interface card. When a server blade receives a response from a PXE boot server offering a boot program download, a Remote Supervisory Adapter (RSA) card, managed by a remote manager, compares the identity of the responding PXE boot server with a list of trusted PXE boot servers. Only if the responding PXE boot server is on the list of trusted PXE boot servers will the server blade be allowed to use a boot program provided by the responding PXE boot server.